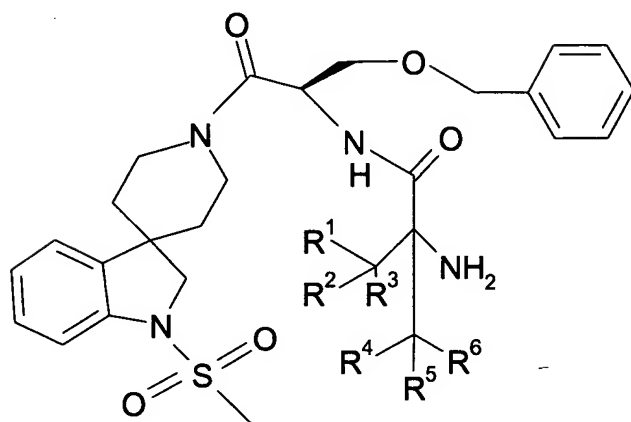


In the Claims:

1. (Original) A radiolabeled growth hormone secretagogue comprising at least one compound of the formula:



MsOH

wherein R¹ to R⁶ are independently of each other H or T, and wherein at least one of R¹ to R⁶ are T.

2. (Original) The radiolabeled growth hormone secretagogue of claim 1, wherein the specific activity of the radiolabeled growth hormone secretagogue is between 86.4 Ci/mmol and 115.2 Ci/mmol.

3. (Original) The radiolabeled growth hormone secretagogue of claim 2, wherein the specific activity of the radiolabeled growth hormone secretagogue is 97.5 Ci/mmol.

4-7. (Cancelled)

8. (Previously Amended) A method of identifying a cellular receptor as a growth hormone secretagogue receptor comprising contacting a host suspected to express a growth hormone secretagogue receptor with the radiolabeled growth hormone secretagogue of claim 1 and determining whether binding has occurred.

9. (Previously Amended) A method for identifying a compound that can bind to a growth hormone secretagogue receptor comprising contacting said compound with a host expressing a growth hormone secretagogue receptor in the presence of the radiolabeled growth hormone secretagogue of claim 1 and monitoring whether the compound influences the binding of said radiolabeled growth hormone secretagogue to the growth hormone secretagogue receptor.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)